

Catalog Number C3737
Product Name Calcium Green™-5N, hexapotassium salt *cell impermeant*
Appearance red solid
Lot Number 2929976

	LOT DATA	SPECIFICATION
Absorption^{1,2} Maximum Extinction	507 nm 81000 cm ⁻¹ M ⁻¹	506 ± 3 nm 82000 ± 8000 cm ⁻¹ M ⁻¹
Fluorescence¹ Emission Maximum Result	532 nm 21X	532 ± 4 nm Em intensity increase ≥ 8X
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	2890218	n.a.

1. Method: Response to calcium

2. Solvent: Buffer 40 µM free calcium, 10 mM K₂CaEGTA, 100 mM KCl, 10 mM MOPS (pH 7.2)



Zach Luedtke, Quality Assurance Manager
 21-May-2024

Life Technologies Corporation certifies on the date above that this is an accurate record of the analysis of the subject lot, and that the data conform to the specifications in effect for this product at the time of analysis.
 Products are under warranty for one year from the date of shipment unless otherwise stated on this document or the product literature.